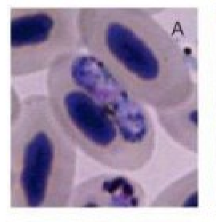


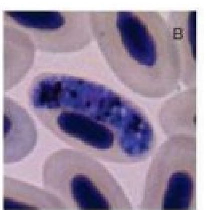
Biological collection Grupo de Estudios Relación Parásito Hospedero

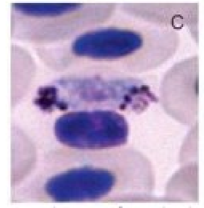
Haemoproteus (Haemoproteus) columbae

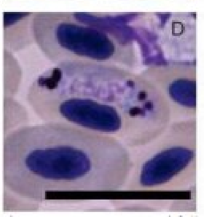
Kruse, 1890

Taxonomic hierarchy	
Domain	Eukarya
Kingdom	Chromista
Phylum	Apicomplexa
Class	Aconoidasida
Order	Haemosporida
Family	Haemoproteidae
Genus	*Haemoproteus*
Species	*Haemoproteus columbae*









Typical stages of *H. columbae* A) young gametocytes B) fully grown Macrogametocytes C-D) fully grown Microgametocyte; Bar = 10 µm.

Associated hosts

	Type host	Additional hosts
Phylum	Chordata	
Class	Aves	
Order	Columbiformes	Numerous species of the Columbiformes.
Family	Columbidae	
Species	*Columba livia*	

Material deposited in GERPH collection

Collection Number	GERPH:UN328 GERPH:UN348	MalAvi, Linaje	HAECOL1	GenBank	KF537314
Department	Cundinamarca and Meta.	County	Bogotá, D.C and Villavicencio.	Altitude	400 m. a. s. l. – 2560 m. a. s. l.
Global Distribution	Worldwide distribution.			Specimen material	Blood smear and DNA
Main Characters	Microgametocytes possess large compact masses (>1 µm in diameter of pigment granules) located at poles. Gametocytes have nucleus in central position, usually grow displacing the nucleus of the erythrocyte laterally, gametocytes do not encircle the erythrocyte nucleus.				
Pathology	Unknown		Vectors	*Microlynchia pusilla*, *Pseudolynchia brunnea* and *Pseudolyncha canariensis*.	

Bibliography

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